

OPINION 1802

Dinodontosaurus Romer, 1943 (Reptilia, Synapsida): conserved

Ruling

(1) Under the plenary powers the name *Diodontosaurus* Caldas, 1936 is hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy.

(2) The name *Dinodontosaurus* Romer, 1943 (gender: masculine), type species by monotypy *Dinodontosaurus oliveirai* Romer, 1943 (a junior subjective synonym of *Dicynodon turpior* Huene, 1935), is hereby placed on the Official List of Generic Names in Zoology.

(3) The name *turpior* Huene, 1935, as published in the binomen *Dicynodon turpior* (senior subjective synonym of the specific name of *Dinodontosaurus oliveirai* Romer, 1943, the type species of *Dinodontosaurus* Romer, 1943), is hereby placed on the Official List of Specific Names in Zoology.

(4) The name *Diodontosaurus* Caldas, 1936, as suppressed in (1) above, is hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology.

History of Case 2807

An application for the conservation of the generic name *Dinodontosaurus* Romer, 1943 by the suppression of the unused senior subjective synonym *Diodontosaurus* Caldas, 1936 was received from Dr Spencer G. Lucas (*New Mexico Museum of Natural History, Albuquerque, New Mexico, U.S.A.*) on 30 January 1991. After correspondence the case was published in BZN 49: 52–54 (March 1992). Notice of the case was sent to appropriate journals.

The application was sent to the Commission for voting on 1 March 1993. The proposals gained a majority of votes (14 votes in favour, 11 against) but not the two-thirds majority required for the suppression of *Diodontosaurus*. On 1 September 1994 the application was submitted for a revote under the Bylaws.

A comment in support of the application from Dr S. Bandyopadhyay (*Geological Studies Unit, Calcutta, India*) was published in BZN 49: 291 (December 1992). Further comments in support from Drs A.R.I. Cruickshank (*University of Leicester, Leicester, U.K.*), Laurie R. Walter (*Chicago State University, Chicago, Illinois, U.S.A.*) and Alan J. Charig (*The Natural History Museum, London, U.K.*) were published in BZN 50: 290 (December 1993).

It was noted on the voting paper that, voting in March 1993 against the application, Dupuis commented that the similarity of the names *Diodontosaurus* and *Dinodontosaurus* was perhaps not fortuitous and that, with an illustration and a type specimen, Caldas's name *Diodontosaurus pedroanum* was certainly not a nomen nudum (paras. 2 and 5 of the application). It was also noted that, although Mones (1986) was cited in para. 5 of the application as listing *Diodontosaurus pedroanum* as a distinct taxon, he had listed *Dinodontosaurus* with five included nominal species under the family STAHLECKERIIDAE Cox, 1965, but had noted *Diodontosaurus pedroanum* only as '?STAHLECKERIIDAE incertae sedis'.

Decision of the Commission

On 1 September 1994 the members of the Commission were invited to revote on the proposals published in BZN 49: 53. At the close of the voting period on 1 December 1994 the votes were as follows:

Affirmative votes — 16: Bayer, Bock, Cocks, Cogger, Corliss, Heppell, Mahnert, Minelli, Nielsen, Nye, Savage, Schuster, Starobogatov, Thompson, Trjapitzin, Willink

Negative votes — 8: Bouchet, Hahn, Holthuis, Kabata, Lehtinen, Macpherson, Martins de Souza and Štys.

No votes were received from Halvorsen and Uéno.

Dupuis, Kraus and Ride were on leave of absence.

Original references

The following are the original references to the names placed on Official Lists and an Official Index by the ruling given in the present Opinion:

Dinodontosaurus Romer, 1943, *Bulletin of the Museum of Comparative Zoology, Harvard University*, **92**: 336.

Diodontosaurus Caldas, 1936, *Revista Instituto Historico e Geografico do Rio-Grande-do-Sul*, **16**: 249.

turpior, *Dicynodon*, Huene, 1935, *Die fossilen Reptilien des südamerikanischen Gondwanalandes an der Zeitenwende. Ordnung Anomodontia*, Lieferung 1, p. 76.